For over 45 years, FG Wilson has been a major global player and world leader in the provision of power generation solutions ensuring power is provided whenever and wherever it is required.

The FG Wilson rental range offers a modern, robust range of generating sets, specifically designed for rental applications, ranging from 20 – 2,000 kVA.

The rental range of generating sets are used by worldwide rental fleet owners in a variety of applications where temporary power needs exist including telecommunications, manufacturing, events and construction.

Our rental generating sets are fuel efficient, easy to operate and robust to meet the rigorous requirements of customer’s temporary power needs. Galvanised, sound attenuated enclosures have excellent noise reduction for residential areas, are long lasting and hardwearing to withstand the harshest on-site conditions.

Additional features on the rental range include an extended capacity fuel tank that is fully bunded to contain all spillages and an easily accessible control panel incorporating metering and shutdown protections.

Power Modules up to 2,000 kVA can be customised to meet rental customer’s exact requirements.

Explore the FG Wilson rental range of generating sets . . .
Meeting Rental Power needs around the world

1. Powering stage lighting and service facilities at World Youth Day, Sydney, Australia
2. Continuous backup power for the construction of a power plant in Pompeu, Brazil
3. Powering essential services for the winning Toro Rosso – Ferrari Team at Formula 1 Grand Prix, Monza, Italy
4. Supplying power to Brazil’s most popular TV channel, Globo TV, for the live transmission of a soccer game between Brazil and Portugal
5. Temporary power for equipment at a construction site in Larne, Northern Ireland
6. Powering the world’s largest Christmas tree in Rio de Janeiro, Brazil
7. Supplying power to aid disaster relief after severe flooding in Boscastle, Cornwall, England
8. Temporary power for service facilities and back-up power at the International Horse Show, Belfast, Northern Ireland
9. Supplying power for stage lighting at the Wales GB World Rally Championships opening ceremony, Cardiff, Wales
Customised Rental Power Units

1. Secure Mini Container
   - Our secure 10 ft mini container provides a fully enclosed, weatherproof Perkins powered generator – ideal for noise sensitive locations, the average noise level is 70 dBA at 1 meter
   - The mini containers offer extra security, safety, ease of installation and transportability
   - 1350 litre bulk fuel tank included within container – sized for 1 week continuous operation (8 hrs per day)
   - Full width rear entry doors for access and generating set/fuel tank removal. Galvanised container door gear and safety proof locking mechanism offers added security
   - Bunded enclosure floor to contain complete fluid spillage and avoid site pollution
   - 10 ft ISO container, CSC plated corner castings and fork lift pockets as standard features.

2. Rental Power Modules
   - Rental Power Modules from 635 – 2,000 kVA are completely self-contained in sound attenuated 20, 30 and 40 ft ISO containers
   - The power module design includes a separate radiator cubicle to improve noise level and cooling performance
   - A wide range of control panel options allow for multiple applications
   - Excellent sound attenuation and fluid spill containment provide a generator package capable of operating in environmentally sensitive areas
   - Easily accessible fuel lines fitted with quick release fittings.

3. Model XD20P4
   - 20 kVA rental package with switchable output via single phase / 3 phase rotary switch
   - 13 kVA single phase rating
   - Power connections through single phase 63 amp and 3 phase 32 amp CEE form socket outlets – each individually protected by MCB and RCD
   - Fully bunded baseframe with fork lift pockets
   - Galvanised steel canopy and class 4 alternator for added protection in rental applications.

4. XD Solutions Range
   - Extremely robust rental design for generator set range, using Perkins engines
   - Generating set housed in galvanised sound attenuated canopy with noise levels significantly lower than EC noise directives (<75 dBA @ 1 meter)
   - Range of control panel options including no break’utility back sync option
   - Internal silencer (spark arresting type)
   - Fully bunded integral fuel tank for 12 hour operation on 100% load
   - Baseframe incorporates fork lift pockets. A centre point lifting arrangement is also included.
Explore the XD Rental Range . . .

1. **Galvanised sound attenuated enclosure**
   Long lasting, hard wearing enclosure with excellent sound reduction for residential areas

2. **Spark arresting silencer**
   Spark arresting silencer with raincap

3. **Battery isolator**
   Allows battery connection to be severed when the generating set is not in use, avoiding unnecessary battery discharge

4. **System 4 alternator**
   Reinforced alternator winding protection against water ingress

5. **4001 Control panel**
   Custom built and housed at the rear of the canopy behind a protective, lockable door, with a perspex viewing window

6. **Busbar and sockets**
   Power cubicle at rear of set with cable terminations and suitably rated CEE form socket outlets

7. **4 Pole breaker with earth leakage protection**
   Accessible inside the power cubicle at the rear of the canopy. Suitably rated with thermal and magnetic overloads

8. **Inspection hatch**
   Allows cleaning access to internal fuel tank

9. **Fork pockets**
   Allowing ease of movement when on site

10. **Racor filter**
    Fuel / water separator filter is fitted as standard

11. **3-Way fuel valve**
    Fuel feed and returns pass through 3-way valves to allow change over from the set base tank to an external bulk tank

12. **Extended capacity, bunded base tank**
    Keeps all spillages contained inside the enclosure avoiding external site pollution
## Technical Data

<table>
<thead>
<tr>
<th>Model</th>
<th>Engine</th>
<th>Alternator</th>
<th>kVA (kW)</th>
<th>LWA</th>
<th>dBA @ 7m</th>
<th>Fuel Tank Capacity Lt (US gal)</th>
<th>Consumption l/hr (US gal/hr)</th>
<th>Running Time (hrs)</th>
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<tbody>
<tr>
<td>XD20P4</td>
<td>404D-22G</td>
<td>LL1114N</td>
<td>20 (16.0)</td>
<td>96</td>
<td>62.6</td>
<td>45 (11.8)</td>
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<td>LL1514F</td>
<td>30 (24.0)</td>
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<td>61.7</td>
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</tbody>
</table>

*Electronic governor required for operation at 60 Hz.
‡ EU Stage IIIA emissions compliant

## Options

- CE Certification
- Electronic governor (XD30 & XD60)
- CEE form sockets
- Battery charger
- Engine water heaters
- Lube oil drain pump
- Low fuel level shutdown

(Optional on specific product denoted above with ‡.)
<table>
<thead>
<tr>
<th>Model</th>
<th>A: mm (in)</th>
<th>B: mm (in)</th>
<th>C: mm (in)</th>
<th>D: mm (in)*</th>
<th>Weight† kg (lb)</th>
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<tbody>
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<td>XD20P4</td>
<td>1684 (66.3)</td>
<td>860 (33.9)</td>
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<tr>
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<td>1230 (48.4)</td>
<td>1955 (76.9)</td>
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<td>2031 (4478)</td>
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<td>4000 (8800)</td>
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</tbody>
</table>

*Clearance required both sides. **Height measurement includes stub pipe with rain cap.
†Weights are given with oil and coolant, excluding fuel. ‡ EU Stage IIIA emissions compliant models
FG Wilson manufactures product in the following locations:
Northern Ireland • Brazil • China • India • USA
With headquarters in Northern Ireland, FG Wilson operates through a Global Dealer Network.
To contact your local Sales Office please visit the FG Wilson website at www.FGWilson.com.
FG Wilson is a trading name of Caterpillar (NI) Limited.
In line with our policy of continuous product development, we reserve the right to change specification without notice.